



New Mexico Riparian Habitat Map (NMRipMap) Attribute Table

Table 1 provides a list of all attributes assigned to polygons in the New Mexico Riparian Habitat Map Version 1.0 developed by the New Mexico Game and Fish Department and Natural Heritage New Mexico at the University of New Mexico. Field Name refers to the coded variable name in the GIS file for the map. Alias is the extended name for the Field Name and descriptions are provided for each field. See the NMRipMap Project Summary for details on map development.

Table 1. NMRipMap Version 1.0 attributes

Field Name	Alias	Description
Map_Domain	Mapping Domain	Mapping domains of USFS (USDA US Forest Service and Geospatial Technology and Applications Center (GTAC)) versus NHNM (UNM Natural Heritage New Mexico and Missouri Resource Assessment Partnership (MoRAP))
MU_ID	Map Unit ID	GIS geodatabase Map Unit ID code linked to "L3_code" for Level 3, the lowest level of the map legend hierarchy
MU_ID_Mod	Map Unit ID mod	GIS geodatabase Map Unit ID code modifiers
L1_Code	Level 1 Map Unit Code	Map legend hierarchy Level 1 Map Unit code; top level and most generalized
L1_Name	Level 1 Map Unit	Map legend hierarchy Level 1 Map Unit name; top level and most generalized
L2_Code	Level 2 Map Unit Code	Map legend hierarchy Level 2 Map Unit code; mid-level generalization
L2_Name	Level 2 Map Unit	Map legend hierarchy Level 2 Map Unit name; mid-level generalization
L3_Code	Level 3 Map Unit Code	Map legend hierarchy Level 3 Map Unit code ; Lowest level greatest detail; linked to GIS_L3_MU_Code
L3_Name	Level 3 Map Unit	Map legend hierarchy Level 3 Map Unit name; Lowest level greatest detail
SWAP_Habitat	SWAP Habitat	State Wildlife Action Plan habitat
SWAP_url	SWAP URL	URL link for SWAP habitat type (text string)

Field Name	Alias	Description
NVC_Mg_Codes	NVC Macrogroup Code	National Vegetation Classification (usnvc.org) Macrogroup code
NVC_Mg	NVC Macrogroup Name	National Vegetation Classification (usnvc.org) Macrogroup name
NVC_Group_Codes	NVC Group Codes	National Vegetation Classification (usnvc.org) Group codes
NVC_Group	NVC Group Names	National Vegetation Classification (usnvc.org) Group names
NVC_Alliance_Codes	NVC Alliance Codes	National Vegetation Classification (usnvc.org) associated Alliances codes
NVC_Alliance_Com_Names	NVC Alliance Names	National Vegetation Classification (usnvc.org) associated Alliance names
Lifeform	Lifeform	Dominant life-form within a given polygon based on canopy height model classes, spectral image analysis, and photo interpretation: Tree-Shrub (trees and shrubs >1 m and >10%); Herb (grasses or forbs >10% cover; Trees and shrubs <10%); Sparsely Vegetated (vegetation cover less than 10%); Water: Unknown (USFS/GTAC domain only)
Leaf_Reten	Leaf Retention	Dominant leaf retention class; Deciduous. Evergreen or Mixed deciduous-evergreen based on spectral image analysis and photo interpretation
Elev_Mean	Elevation (m)	Mean elevation in meters based on 10-m digital elevation model
VegHt_Cls1_Cov	Herbaceous Cover	Percent canopy cover based on proportion of polygon pixels with LiDAR canopy height model values <0.5 m; mostly herbaceous, prostrate shrubs, small trees, and bare ground; unavailable for non-LiDAR areas
VegHt_Cls2_Cov	Total Shrub Cover	Percent canopy cover based on proportion of polygon pixels with LiDAR canopy height model values >= 0.5 and <5; mostly shrubs, small trees, and occasionally tall grass and forbs; unavailable for non-LiDAR areas

Field Name	Alias	Description
VegHt_Cls3_Cov	Medium Tree Cover	Percent canopy cover based on proportion of polygon pixels with LiDAR canopy height model values ≥ 5 and < 12 m; mostly medium-tall trees; unavailable for non-LiDAR areas
VegHt_Cls4_Cov	Tall Tree Cover	Percent canopy cover based on proportion of polygon pixels with LiDAR canopy height model values > 12 m; mostly tall trees; unavailable for non-LiDAR areas
VegHt_Cls5_Cov	Shrub Cover	Percent canopy cover based on proportion of polygon pixels with LiDAR canopy height model values ≥ 1 and < 3 m; mostly shrubs; unavailable for non-LiDAR areas
VegHt_Cls6_Cov	Tall Shrub Cover	Percent canopy cover based on proportion of polygon pixels with LiDAR canopy height model values ≥ 3 and < 5 m; mostly tall shrubs; unavailable for non-LiDAR areas
VegHt_Cls8_Cov	Short Shrub Cover	Percent canopy cover based on proportion of polygon pixels with LiDAR canopy height model values ≥ 0.5 and < 1 m; mostly short shrubs; unavailable for non-LiDAR areas
VegHt_Tot_tree_Cov	Total Tree Cover	Percent canopy cover based on proportion of polygon pixels with LiDAR canopy height model values ≥ 5 m; all trees; unavailable for non-LiDAR areas
HO_Struct_Type	Hink and Ohmart (HO) Structure Type	Reports which Hink and Ohmart (HO) size class is dominant in a map unit polygon.
HO_6_Pct	HO Type 6	Very young, low, and/or sparse vegetation. Value is equal to the percentage of pixels ≥ 0 AND < 1.5 m.
HO_5_Pct	HO Type 5	Young stands with dense shrubby vegetation. Value is equal to the percentage of pixels ≥ 1.5 AND < 4.5 m.
HO_3_4_Pct	HO Type 3 or 4	Intermediate age trees. Value is equal to the percentage of pixels ≥ 4.5 AND < 12 m.
HO_1_2_Pct	HO Type 1 or 2	Mature and mid-aged trees. Value is equal to the percentage of pixels ≥ 12 m.
Wdy_Cov	Woody Cover	Proportion; (decimal percent) of polygon pixels with LiDAR canopy height model value > 1 meter representing total tree and shrub cover; unavailable for non-LiDAR areas
Wdy_CovCls	Total Woody Cover Class	Canopy cover class for total tree and shrub cover based on Wdy_Cov or photo interpretation in non-Lidar areas where: "0) non-Tree-Shrub", "1) 10-25%", "2) 25-50%",

Field Name	Alias	Description
		"3) 50-75%", or "4) 75-100%"
Veg_Ht_Mn	Avg Vegetation Height	Mean LiDAR/phodar canopy height model in meters within a polygon for all vegetation life-forms (includes bare ground); (unavailable for non-LiDAR areas); USFS/GTAC domain only
Veg_SzCls	Avg Vegetation Height Class	Mean LiDAR/Phodar canopy height model class for a polygon based on Veg_Ht_Mean for all vegetation life-forms; includes bare ground); unavailable for non-LiDAR areas Class: 1) 0-.5m, 2) .5-5m, 3) 5-12m, or 4) 12+m; USFS/GTAC domain only. USFS/GTAC domain only
Wdy_SzCls	Avg Woody Height Class	Woody canopy height model size class for a polygon based on the plurality (zonal majority) of LiDAR/Phodar canopy height model values or photo interpretation where LiDAR/Phodar is unavailable; excludes <0.2 m values; size classes: 0) non tree-shrub, 1) 0.2-.5m, 2) .5-5m, 3) 5-12m, or 4) 12+m
Wdy_Ht_Mn	Avg Woody Height	Mean LiDAR/phodar woody canopy height model for a polygon; excludes LiDAR values <=0.2 m; unavailable for non-LiDAR areas

